

United States Patent and Trademark Office



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

32566

7590

09/18/2006

PATENT LAW GROUP LLP 2635 NORTH FIRST STREET SUITE 223 SAN JOSE, CA 95134 EXAMINER

LANE, JOHN A

ART UNIT PAPER NUMBER

2185 DÀTE MAILED: 09/18/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/655,963	09/04/2003	George R. Cameron	3PD-M-8498 US	8902	

TITLE OF INVENTION: EFFICIENT AND RELIABLE VIRTUAL VOLUME MAPPING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$0	\$0	\$700	12/18/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This appropriate. All further indicated unless correct maintenance fee notifications.	form should be used correspondence including deliberations.	for trans ng the P herwise	mitting the ISSU atent, advance o in Block 1, by (a	JE FEE and PUBLIC rders and notification a) specifying a new c	of r	ON FEE (if requ naintenance fees v pondence address;	ired). E vill be and/or	Blocks 1 through 5 sh mailed to the current (b) indicating a separ	ould be completed where correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPOND	ENCE ADDRESS (Note: Use B	lock 1 for a	ny change of address)		Feet	s) Transmittal. The	is certif	icate cannot be used for	domestic mailings of the or any other accompanying at or formal drawing, must
32566	7590 09/18	8/2006			114 * (- -	
PATENT LAV	V GROUP LLP				I he	Cer reby certify that th	tificate is Feets	of Mailing or Transn Transmittal is being	nission deposited with the United
2635 NORTH F SUITE 223					State addi tran	es Postal Service vessed to the Mail smitted to the USP	vith suf Stop TO (57	ficient postage for first ISSUE FEE address 1) 273-2885, on the da	deposited with the United class mail in an envelope above, or being facsimile te indicated below.
SAN JOSE, CA	95134								(Depositor's name)
									(Signature)
									(Date)
APPLICATION NO.	FILING DATE			FIRST NAMED INVEN	TOR		АТТО	RNEY DOCKET NO.	CONFIRMATION NO.
10/655,963	09/04/2003			George R. Camero	n		3F	D-M-8498 US	8902
TITLE OF INVENTION	: EFFICIENT AND RE	LIABLE	VIRTUAL VOL	•					0.702
APPLN. TYPE	SMALL ENTITY	ISSI	UE FEE DUE	PUBLICATION FEE D	UE	PREV. PAID ISSU	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES		\$700	\$0		\$0		\$700	12/18/2006
EXAM	IINER	T A	ART UNIT	CLASS-SUBCLASS	;				
LANE,	IOHN A		2185	711-202000		,			
1. Change of correspond	ence address or indicatio	n of "Fee	Address" (37	2. For printing on t	the p	atent front page, lis	st		
CFR 1.363).									
(1) the names of up to 3 registered patent attorneys									
PTO/SB/47; Rev 03-0 Number is required.)2 or more recent) attach	hed. Use	of a Customer	2 registered attorney 2 registered patent listed, no name wil	atto	meys or agents. If	no nam	e is 3	
3. ASSIGNEE NAME A				_		•			
PLEASE NOTE: Uni recordation as set fort	less an assignee is ident h in 37 CFR 3.11. Com	ified beli	ow, no assignee f this form is NO	data will appear on the factor of the factor	he pa	ntent. If an assign	ee is id	entified below, the do	cument has been filed for
(A) NAME OF ASSI			-	(B) RESIDENCE: (C					
					_				_
Please check the appropr	iate assignee category or	r categori	es (will not be pr	inted on the patent):		Individual U Co	rporati	on or other private grou	up entity Government
4a. The following fee(s)	are submitted:		41	_ ` ` ` ` `		se first reapply ar	y prev	iously paid issue fee s	hown above)
Issue Fee			.	A check is enclos					
Publication Fee (No small entity discount permitted) Advance Order - # of Copies				Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any					
Advance Older -	7 of Copies			overpayment, to I	Depo:	sit Account Number	ge uie i	equired fee(s), any def	extra copy of this form).
5. Change in Entity Sta						1			
	s SMALL ENTITY state							ITY status. See 37 CF	
interest as shown by the	records of the United Sta	ites Pater	it and Trademark	Office.	iaii u	e applicant, a regi	siereu a	tioniey or agent, or the	e assignee or other party in
Authorized Signature		 				Date	<u>-</u>		
Typed or printed nam	Typed or printed name								
This collection of inform	ation is required by 37 C	FR 1.31	1. The information	on is required to obtain	or r	etain a benefit by the	ne publ	ic which is to file (and	by the USPTO to process)
submitting the completed this form and/or suggesti	l application form to the ons for reducing this but	USPTO	Time will vary	depending upon the i	s esu ndiv	idual case. Any co	mment Tradem	s on the amount of time ark Office. U.S. Depart	gamering, preparing, and e you require to complete thent of Commerce P.O.

Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/655,963	O	09/04/2003 George R. Cameron		3PD-M-8498 US	8902		
32566	7590	09/18/2006	EXAM	EXAMINER			
PATENT LAV	v groui	LLP	LANE, J	LANE, JOHN A .			
2635 NORTH FIRST STREET				ART UNIT	PAPER NUMBER		
SUITE 223 SAN JOSE, CA	95134			2185 DATE MAILED: 09/18/200	6		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 466 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 466 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.